

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001740

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 12/28, H04L 12/56 // H04Q 7/32  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSOEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6452950 B1 (OHLSSON, M ET AL), 17 Sept 2002 (17.09.2002), figure 2A, claims 1,2, abstract, cited in the Application	1-8,10-18, 20-29,31-34
X	--	9,19,30
A	US 2003112758 A1 (PANG, J L ET AL), 19 June 2003 (19.06.2003), [0009]-[0011], claims 1,7 and abstract	1-34
A	EP 1278353 A2 (AVAYA, INC), 22 January 2003 (22.01.2003), claim 1, abstract	1-34
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 24 May 2004	Date of mailing of the international search report 16 -06- 2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Lisbeth Andersson /LR Telephone No. +46 8 782 25 00

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003128686 A1 (HUR, N C), 10 July 2003 (10.07.2003), [0004]]; [0005], claims 1-3 and abstract  -----	1-34

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

30/04/2004

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US	6452950	B1	17/09/2002	AU	756474	B	16/01/2003
				AU	2138400	A	01/08/2000
				CN	1134946	B	14/01/2004
				CN	1352846	T	05/06/2002
				JP	2002535885	T	22/10/2002
				WO	0042749	A	20/07/2000
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US	2003112758	A1	19/06/2003	US	2003105799	A	05/06/2003
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EP	1278353	A2	22/01/2003	CA	2393489	A	17/01/2003
				US	2003026275	A	06/02/2003
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US	2003128686	A1	10/07/2003	CN	1426249	A	25/06/2003
				KR	2003047698	A	18/06/2003
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